

# PATIENT JOURNEY

Relieve the Tension® on

## TOTAL KNEE ARTHROPLASTY

with Brijjit® Force Modulating Tissue Bridge



### Meet the Brijjit® Force Modulating Tissue Bridge

BRIJ Medical's clinically proven Brijjit Force Modulating Tissue Bridge is a new era of post-surgical incision care with proven technologies that reduce incision dehiscence and scarring. Trusted by surgeons across various specialties, including Orthopedics and Plastics nationwide, it offers comprehensive closure, support, and scar therapy — providing enhanced control and confidence at every step of the healing journey.

### Meet the Patient: Gwen

Gwen, a Total Knee Replacement patient, wanted to find a solution to both her healing and scar concerns. Discovering Brijjit through a satisfied family member who underwent aesthetic surgery, Gwen approached her Orthopedic Surgeon for approval to incorporate Brijjit for wound support and scar therapy.

Gwen's success and outcomes attest to the transformative results we see when orthopedic surgeons Relieve the Tension® with BRIJ technologies.

**“They feel good and they protect my incision. I believe [Brijjit] has allowed my incision to heal completely stress-free.”**

- Gwen

### Healing Timeline



**13 days Post Op**

2 trays of Brijjit applied by patient, 13 days post op.

Physical therapy was started 2 weeks post op and Brijjits were worn during all therapy appointments.



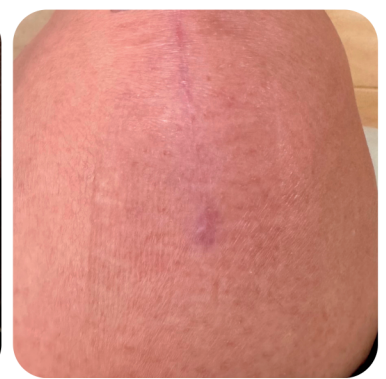
**3.5 Weeks Post Op**

Another 2 trays of Brijjit were reapplied again 23 days post op.

Brijjit typically lasts an average of 10-14 days, with wear times varying based on the specific anatomical area of placement.



**6 Weeks Post Op**



**9 Weeks Post Op**

Ongoing Scar Monitoring, Stay Tuned!

**BRIJ**MEDICAL  
HEAL BEAUTIFULLY®

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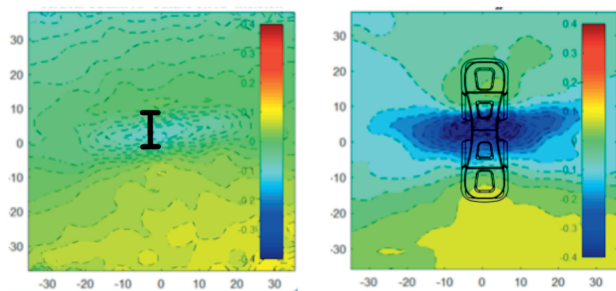
with Brijjit® Force Modulating Tissue Bridge



### The Root of Wound Complications: Tension

While the tension-related biomechanical processes leading to poor incision closure or excess scarring are complex, the solution can be straightforward: reducing tension on a closed wound can improve healing.

Sutures Vs. Brijjit: Strain mapping comparing Brijjit devices and suture shows a profound improvement in control of the local tension environment. The tension reduction is maintained over time and with patient movement. (3)



Sutures Vs. Brijjit:

The more blue the greater the tension offloading.

### Key Clinical + Physician Benefits



#### FAST

- Up to 9x Faster than Sutures (1)
- As Fast as Staples (1)



#### RELIEVES THE TENSION

- Strain Reduction of > 25% Beginning at Closure (2)
- Tension Relief Maintained with ROM (1)



#### STRONG + SECURE

- Withstands > 30 Newtons of Force In Series (1)
- Lasts 10 Days to >3 Weeks



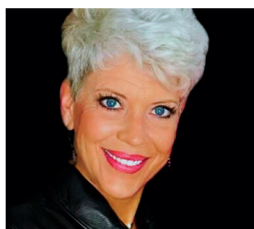
#### BETTER HEALING

- 90% Reduction in Wound Breakdown (3,4)
- 38% Reduction In Mean Scar Area (3)



#### HAPPIER PATIENTS

- Fewer Calls and Post-Op Visits for Wound Closure



Gwen, Total Knee Patient

**“The tissue bridges prevented stress and friction on my incision, providing protection and allowing air circulation. No oozing or drainage occurred.”**

- Gwen, Total Knee Patient

Learn More  
**BRIJmedical.com**

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HEAL BEAUTIFULLY®

1. Data on File. BRIJ Medical, Inc., Marietta, GA  
2. Kazmer DO, Eaves FF, 3rd. Force Modulating Tissue Bridges for Reduction of Tension and Scar: Finite Element and Image Analysis of Preclinical Incisional and Nonincisional Models  
3. Pantan J et al. Postoperative mechanomodulation decreases T-junction dehiscence after reduction mammoplasty: Early scar analysis from a randomized controlled trial. *Aesthet Surg J* 2023; 43(12): 1033-1047  
4. Wall HC et al. Tension reduction with force modulating tissue bridges reduces wounds in breast surgery. *Aesthetic Surg J* 2023; 43(12): 1471-1480.  
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